

SUBSTITUTE FORM PTO-1449
(MODIFIED)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
04873/057001

SERIAL NO.
09/096,16

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

APPLICANT
Duanfeng He et al.

FILING DATE
June 12, 1998

GROUP
2764

(37 CFR 1.98(b))

1036 U.S. PTO
09/981395
10/16/01

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
AL	0 821 317 A2	01/28/98	Europe				
AM							
AN							
AO							
AP							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

AQ	
AR	
AS	

EXAMINER

DATE CONSIDERED

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EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KDF	AA 5 7 3 4 1 5 2	03/31/1998	Goren et al.	235	462	05/31/1995
	AB 5 5 3 9 1 9 1	07/23/1996	Ackley	235	462	06/22/1995
	AC 5 5 1 4 8 5 8	05/07/1996	Ackley	235	462	02/10/1995
	AD 5 4 8 6 6 8 9	01/23/1996	Ackley	235	463	10/24/1994
	AE 5 4 4 9 8 9 3	09/12/1995	Bridgelall et al.	235	462	11/30/1994
	AF 5 3 8 9 7 7 0	02/14/1995	Ackley	235	462	01/22/1993
	AG 5 3 2 9 1 0 5	07/12/1994	Klancnik et al.	235	463	08/10/1992
KDF	AH 5 3 0 2 8 1 3	04/12/1994	Goren	235	462	04/02/1992

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DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
AI					

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

KDF	AJ	den Dekker et al., "Resolution: a survey," J. Opt. Soc. Am. A, 14(3), 547, 1997.
	AK	Frieden, "Probability, Statistical Optics, and Data Testing," Springer-Verlag, Berlin, 1983.
	AL	Goodman, "Introduction to Fourier optics," McGraw-Hill, San Francisco, 1968.
	AM	Joseph et al., "Bar Code Waveform Recognition Using Peak Locations," IEEE. Trans. Patt. Ana. & Mach. Intellig., 16(6), 630, June 1994.
	AN	Joseph, "Recognition and restoration of blurred bilevel waveforms," Ph.D. dissertation, CS Dept., SUNY Stony Brook, NY, 1992.
	AO	Palmer, "The Bar Code Book," Helmers Publishing, Peterborough, NH, 1991.
KDF	AP	Pratt, "Digital Image Processing," John Wiley & Sons, New York, 1978.

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BA						
BB						
BC						
BD						
BE						
BF						

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						YES	NO
BG							
BH							
BI							
BJ							
BK							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

10/11	BL	Puetter, "Information, language, and pixon-based image reconstruction," Proc. SPIE, 2827, 12, 1994.
1	BM	Shellhammer et al., "Selective Sampling and Edge Enhancement in Bar Code Laser Scanning," Proc. SPIE, 2660, 355, 1996.
	BN	Stern et al., "Analytical method to calculate optical transfer function for image motion and vibrations using moments," J. Opt. Soc. Am. A., 14(2), 388, 1997.
	BO	Tsi et al., "System analysis of CCD-based bar code readers," Appl. Opt., 32(19), 3504, July 1993.
10/11	BP	van der Gracht et al., "Broadband behavior of an optical-digital focus-invariant system," Opt. Lett., 21 (13), 919, 1996.

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Substitute Disclosure Form (PTO-1449)